

## DECLARATION OF PERFORMANCE

### No. 0914-CPD-007

**1. Unique identification code of the product-type:**

JORDAHL® Punching shear reinforcement JDA

**2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):**

JORDAHL® Punching shear reinforcement JDA – see ETA-13/0136, Annex 1, 2, 4 and 5

**3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:**

Generic type and use	Increase of the punching shear resistance of flat slab, ground slabs and footings with a slab height of $h \geq 180$ mm, interface reinforcement between precast and in-situ concrete for semi-prefabricated slabs
Product size	Diameter 10 / 12 / 14 / 16 / 20 / 25 mm
Anchor material	Ribbed reinforcing steel according to EN 1992-1-1, Annex C with a characteristic yield strength of $f_{yk} \geq 500$ MPa
Base material	Concrete C20/25 to C50/60 according to EN 206-1:2000-12
Loading	static, quasi-static and fatigue loading

**4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):**

JORDAHL GmbH, Nobelstraße 51, 12057 Berlin, Germany

**5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): ---**

**6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:**

System 1+

**7. In case of the declaration of performance concerning a construction product covered by a harmonised standard: ---**

**8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:**

Deutsches Institut für Bautechnik (DIBt) issued ETA-13/0136 on the basis of CUAP 03.01/05:2012-02 the notified body 0914 performed under system 1+

- (i) Determination of the product type on the basis of type testing (including sampling), type calculation, tabulated values or descriptive documentation of the product
  - (ii) Initial inspection of the manufacturing plant and of factory production control
  - (iii) Continuous surveillance, assessment and evaluation of factory production control
- and issued certificate of conformity 0914-CPD-007.

## 9. Declared performance

Essential Characteristics	Design Method	Performance	Harmonized Technical Specification
Punching shear resistance at interior columns	ETA-13/0136, Annex 10 / 11	ETA-13/0136, Annex 1 to 11	CUAP 03.01/05:2012-02
Punching shear resistance at edge- and corner columns	ETA-13/0136, Annex 10 / 11	ETA-13/0136, Annex 1 to 11	CUAP 03.01/05:2012-02
Punching shear resistance at near openings	ETA-13/0136, Annex 10 / 11	ETA-13/0136, Annex 1 to 11	CUAP 03.01/05:2012-02
Punching shear resistance of footings	ETA-13/0136, Annex 10 / 11	ETA-13/0136, Annex 1 to 11	CUAP 03.01/05:2012-02

## 10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Dr. Wilhelm Neikes  
Managing Director COO  
Berlin, 01.07.2013